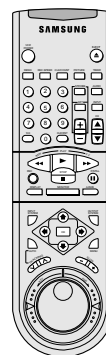
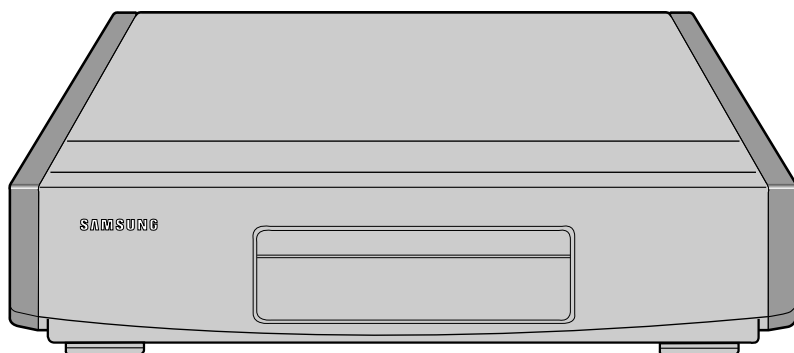




# VIDEO CASSETTE RECORDER SV-7000W

## Owner's Instructions





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## Symbols



Press/push



Hold down



Important



Note

① = Step number

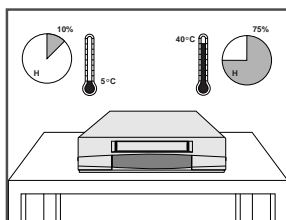
## Safety Instructions

*The following illustrations represent the precautions to be taken when using this video cassette recorder.*

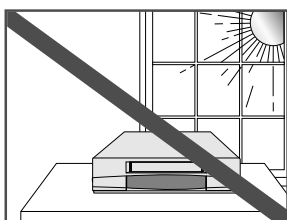


*The lightning flash with arrowhead in the triangle is a warning sign alerting you to dangerous voltage inside the product.*

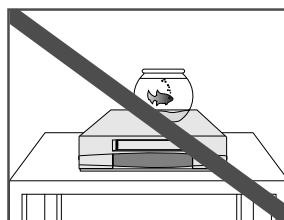
DO NOT OPEN THE VCR.



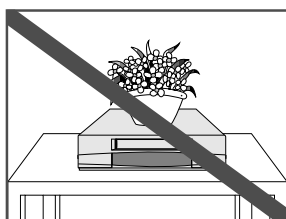
Do NOT expose the VCR to extreme temperature conditions (below 5°C and above 40°C) or to extreme humidity conditions (less than 10% and more than 75%).



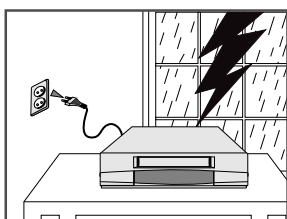
Do NOT expose the VCR to direct sunlight.



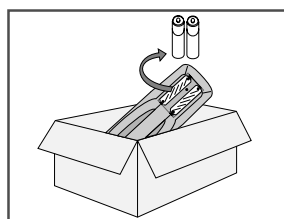
Do NOT expose the VCR to any liquids.



Do NOT place any objects on the VCR or remote control.



During a storm and/or lightning, unplug the VCR from the mains socket and aerial.



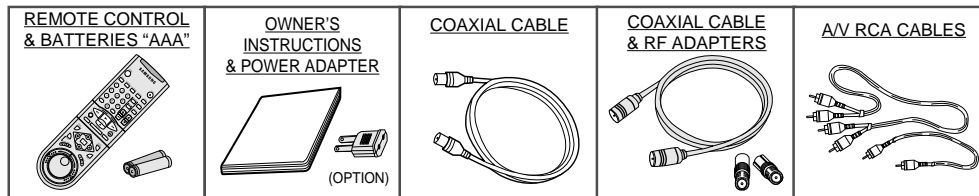
If the remote control is not used for a long period of time, remove the batteries and store it in a cool, dry place.

THIS DEVICE IS NOT FOR USE IN INDUSTRIAL ENVIRONMENTS.

## Getting Started



*You have just purchased a SAMSUNG Video Cassette Recorder (VCR). Together with your VCR, you will find the following accessories in the box.*



*Your Owner's Instructions contain much valuable information on setting up and using your VCR. Please take the time to read them as they will help you take full advantage of the VCR's features.*

*The booklet is organized as follows:*

- ◆ *The simple describing of Worldwide VCR.*
- ◆ *A series of step-by-step procedures for each function available forms the main body of the booklet.*
- ◆ *At the end of the booklet, you will find illustrations of the VCR (front and rear), the display and the remote control unit to help you find the buttons and understand the symbols displayed (see pages 51 and 52).*

### Preparing Your Video Cassette Recorder

*Before being able to play and record video cassettes, you must prepare and connect your VCR.*

- ◆ *Insert batteries in the remote control.*
- ◆ *Connect your VCR to the television.*
- ◆ *Set the date and time used to display information on the television screen.*
- ◆ *Preset the stations.*

*All these operations are essential so you must follow the step-by-step instructions carefully.*

## Background to the Worldwide VCR

### *"Worldwide Communication through VCR"*

*Today the Video Recorder is a major media and communication tool, used for both business and home entertainment. Furthermore, the emergence of the camcorder has extended the versatility of the video with home video making.*

*Video communication is increasingly becoming a global medium, but the different TV broadcasting systems around the world hinder the worldwide exchange of video tapes.*

*The Samsung SV-7000W overcomes the incompatibility of different TV broadcasting systems through sophisticated digital technology, allowing any standard VHS tapes to be played on any TV, any where in the world (with free voltage).*

## Worldwide TV Color System

*Many countries have different TV signal formats, with no exchangeability between them. This makes it impossible to play back or record tapes with different signal formats. This worldwide common VCR overcomes this problem by converting the signal format of any tape into the format you desire.*

### *Comparison of TV color systems*

	NTSC	NTSC4.43	PAL-M	PAL	PAL-N	SECAM	MESECAM
Number of scanning lines	525			625			
Field frequency	60Hz			50Hz			
Line frequency	15.734KHz			15.625KHz			
Color signal modulation system	Sub carrier suppression quadrature modulation					FM modulation	
Color signal frequency	3.579545 MHz	4.433619 MHz	3.575611 MHz	4.433619 MHz	3.582056 MHz	DB 4.25MHz DR 4.40625MHz	
Burst signal	Fixed phase		Inverted by 1 H			DR.DB alternation	



#### Classification of TV color systems by country

- ◆ NTSC : Korea, U.S., Canada, Japan, Taiwan, and Philippines
- ◆ PAL : United Kingdom, Germany, Western Europe, China, and Singapore
- ◆ SECAM : France, Eastern Europe, and CIS
- ◆ PAL-M : Brazil
- ◆ PAL-N : Argentina (The tape is the same as that of PAL)
- ◆ NTSC4.43 : Pseudo NTSC signal which is made to use the NTSC tape in the Middle East  
(The tape is the same as that of NTSC3.58)
- ◆ MESECAM : The name of a tape which uses the method of recording the SECAM signal.  
The output signal during playback is SECAM signal.

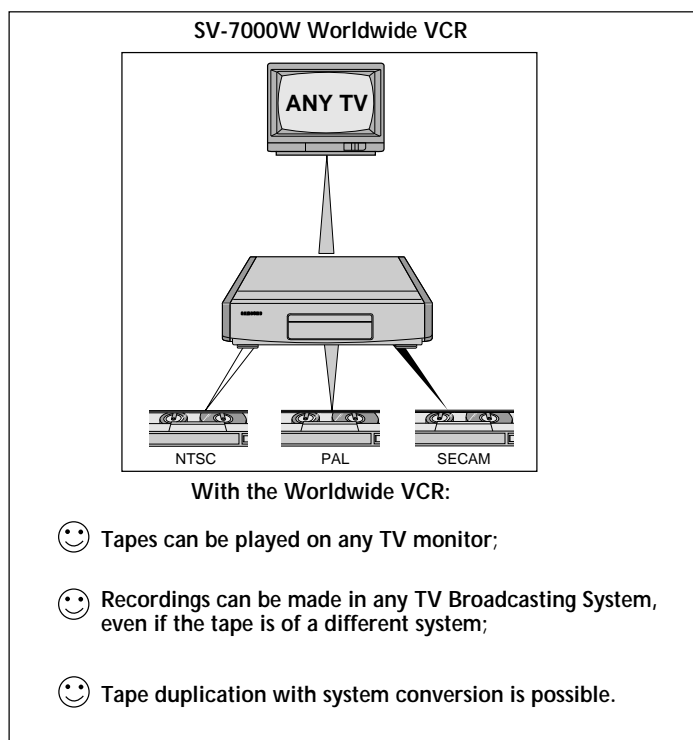
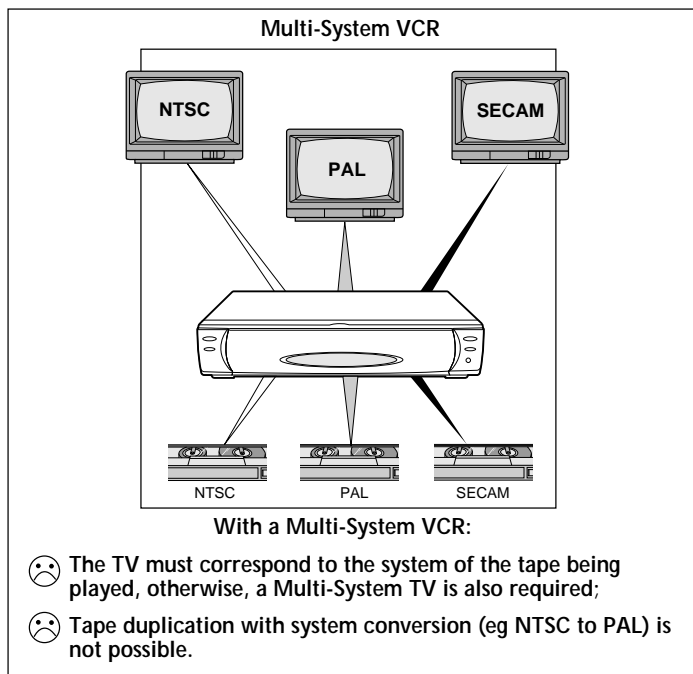


Worldwide Broadcasting system is B/G, I, D/K, M, N, L.

## Multi-System VCR vs Worldwide VCR

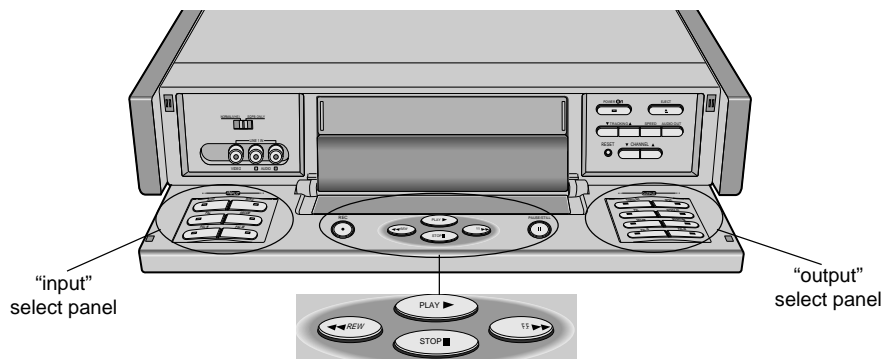
GB

*The Worldwide VCR is similar to the Multi-System VCR in that it will play back tapes recorded in any TV Broadcasting System. However, there are a few key differences:*

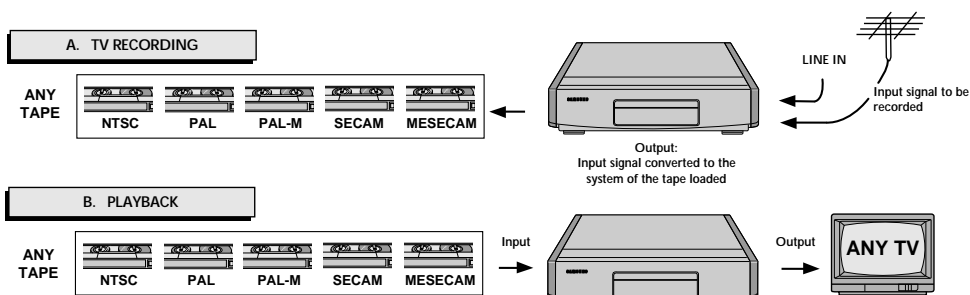
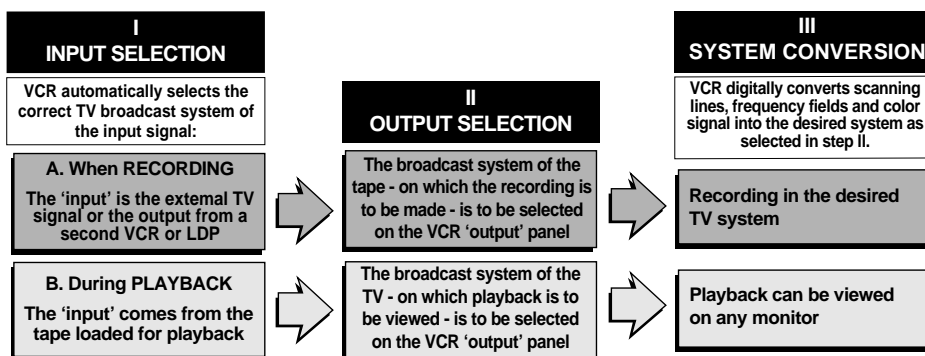


## System Conversion with the Worldwide VCR

System conversion is the most complex digital process undertaken by the Worldwide VCR, converting the "input" into a different "output", eg from NTSC to PAL, or from PAL to SECAM.



INPUT	OUTPUT
NTSC (3.58)	NTSC (3.58)
NTSC 4.43	NTSC 4.43
PAL	PAL
PAL-M	PAL-M
PAL-N	PAL-N
SECAM	SECAM
	MESECAM (TAPE ONLY)

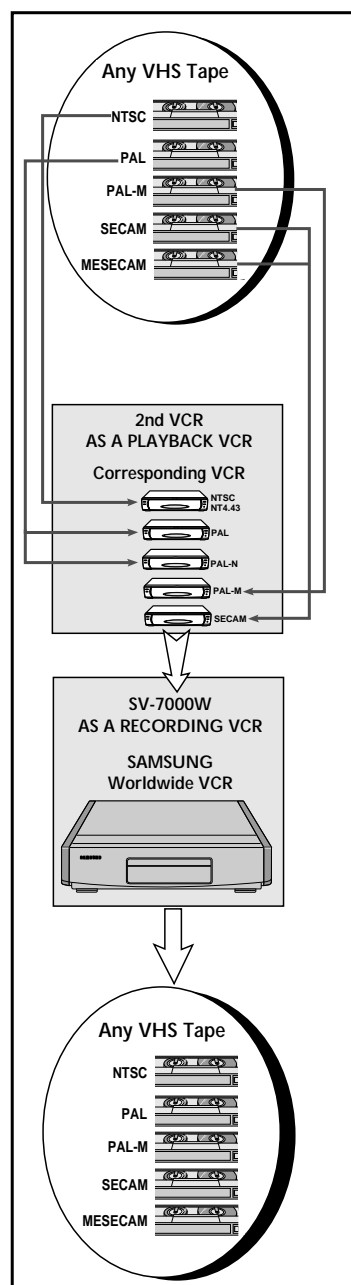
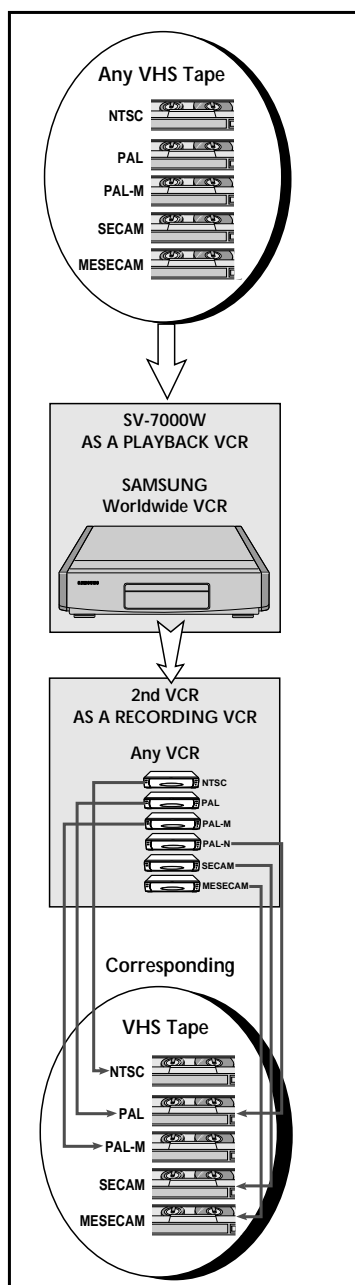




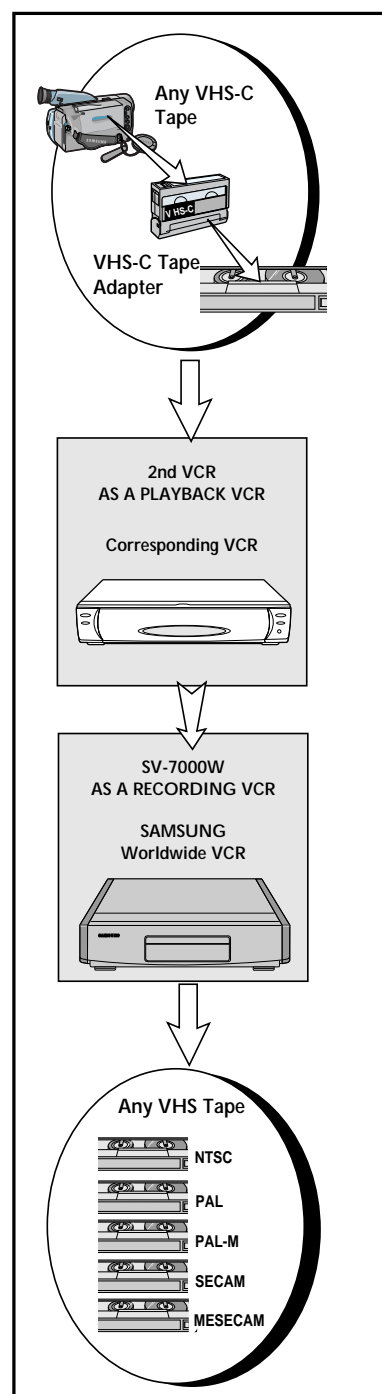
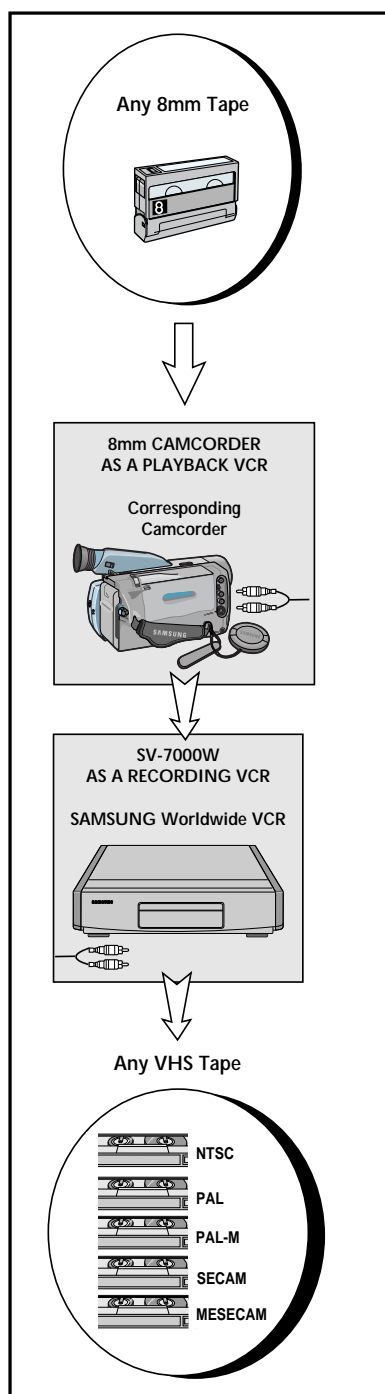
## Tape Conversion with the Worldwide VCR

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*One of the most useful functions of the Worldwide VCR is the combination of tape duplication and system conversion, more simply known as "Tape Conversion". This allows the user to copy, for example, a SECAM tape and simultaneously convert it to PAL or NTSC. This is particularly useful for duplicating home video camcorder recordings and sending them to friends or relatives abroad.*



GB







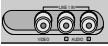







## Deciding How to Connect Up Your VCR



*You must take into account various factors when deciding how to connect up your various audio and/or video systems.*

- ◆ *Types of connectors available on your systems.*
- ◆ *Systems connected permanently to the VCR (satellite receiver for example) or from time to time (camcorder for example).*

*Your VCR is equipped with the following connectors.*

Connector	Location	Type	Direction	Recommended Use
AV	Rear 	SCART	In/Out 	◆ Television
LINE	Rear 	Audio/Video RCA	Out 	◆ Television ◆ Other VCR
LINE 1	Front 	Audio/Video RCA	In 	◆ Audio system ◆ Camcorder ◆ Other VCR
LINE 2	Rear 	Audio/Video RCA	In 	◆ Audio system ◆ Camcorder ◆ Satellite receiver ◆ Other VCR
OUT TO TV	Rear 	75 $\Omega$ coaxial	Out 	◆ Television
IN FROM ANT.	Rear 	75 $\Omega$ coaxial	In 	◆ Aerial ◆ Cable television network

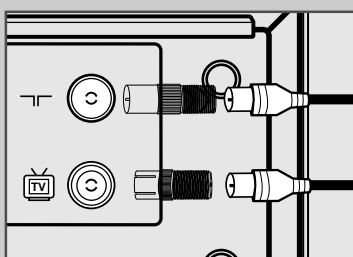
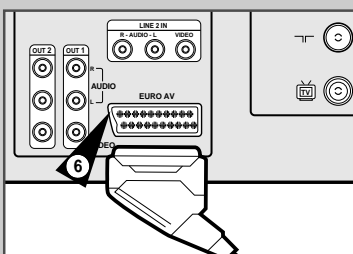
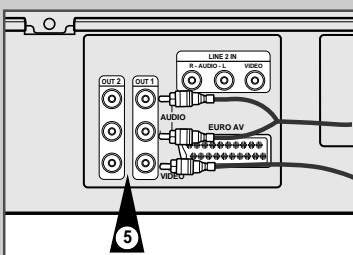
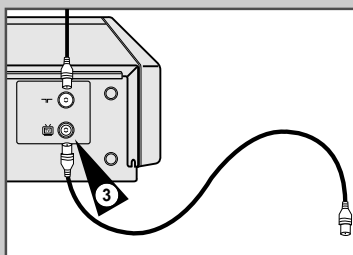
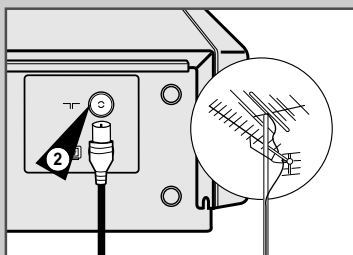


Whenever you connect an audio or video system to your VCR, ensure that all units are switched off.

Refer to the documentation supplied with your equipment for detailed connection instructions and associated safety precautions.

GB

## Connecting Your VCR to the TV





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To receive television programmes from an air or cable television network, a signal must be received from one of the following sources.

- ◆ An outdoor aerial.
- ◆ An indoor aerial.
- ◆ A cable television network.

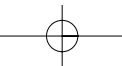


Make sure that both the television and the VCR are switched off before connecting the cables.

- 1 Remove the aerial or network input cable from the television.
  - 2 Connect this cable to the 75Ω coaxial socket marked  on the rear of your VCR.
  - 3 Plug the coaxial cable supplied into the  socket on your VCR.
  - 4 Plug the other end of the coaxial cable into the connector previously used for the aerial on the television.
  - 5 Connect one end of the RCA cable supplied to the output socket (OUTPUT1 or OUTPUT2) on the rear of the VCR, if your television is equipped with this type of connection.
    - Respect the colour coding of the Audio and Video In/Out cable.
  - 6 Connect one end of the SCART cable to the EURO AV socket on the rear of the VCR, if your television is equipped with this type of connection.
  - 7 Plug the other end (of the RCA cable or SCART cable) into the appropriate connector on the television.
- ◆ Regardless of the type of connection chosen, you must always connect the coaxial cable supplied. Otherwise, no picture will be visible on the screen when the VCR is switched off.
  - ◆ Make sure that both the television and the VCR are switched off before connecting the cables.

**\* NOTICE:**

You can select the coaxial cable using the RF Adapter according to your Antenna socket.  
[NTSC/PAL-M Region]

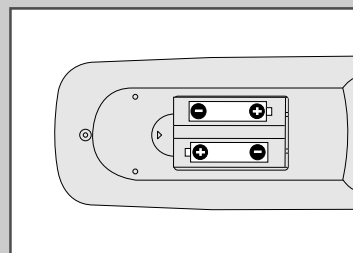
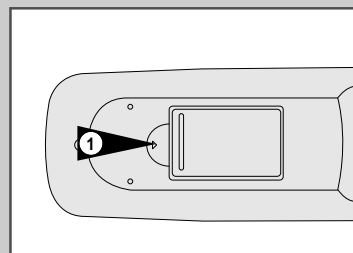


## Inserting the Batteries in the Remote Control

*You must insert or replace the batteries in the remote control when you:*

- ◆ *purchase the video cassette recorder ; or*
- ◆ *find that the remote control is no longer working correctly.*

- 1 Push the tab in the direction of the arrow to release the battery compartment cover on the rear of the remote control.
- 2 Insert two AAA or equivalent batteries (supplied), taking care to respect the polarities.
  - ◆ + on the battery with + on the remote control.
  - ◆ - on the battery with - on the remote control.
- 3 Replace the cover by aligning it with the base of the remote control and pushing it back into place.



GB

## Plug and Initial Setting

*The VCR automatically display initial setting MENU when the VCR is plugged into the AC outlet first time.*

- 1 Plug the VCR into the AC outlet.  
Result: The **LANGUAGE SET** is displayed.
- 2 Press the **▲**, **▼** and OK button to select your favorite language.  
Result: The **COUNTRY SET** is displayed.
- 3 Press the **▲**, **▼**, **▶** button to select your country.  
Result: The country list is displayed.
- 4 Press the **▲**, **▼**, **▶** and OK button to select your country.  
Result: The option selected flashes.
- 5 Press the **▲** or **▼** buttons to increase or decrease the value.  
Result: The initial setting is finished.  
➤ If your country dose not exist in the country list, then select the other.

\*\* LANGUAGE SET \*\*

▶ ENGLISH  
DEUTSCH  
FRANÇAIS  
ITALIANO  
JAPAN

▲▼ MEMORY: (OK)

\*\* COUNTRY SET \*\*

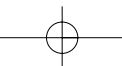
▶ EUROPE  
AMERICA  
EASIA/OCEANIA  
MIDDLE EAST/AFRICA

▲▼ ▶ END: (MENU)

\*\* EUROPE \*\*

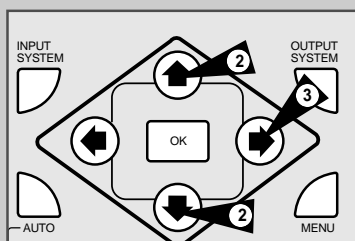
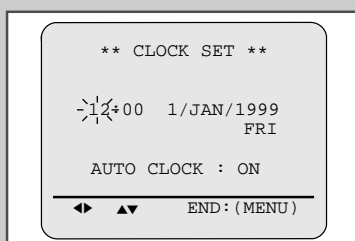
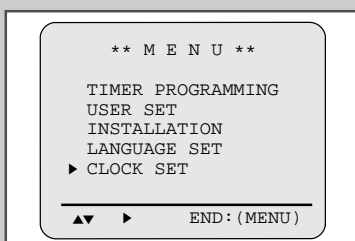
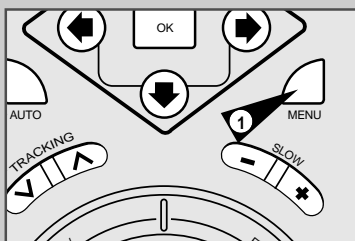
▶ U.K. GERMANY  
ITALY SPAIN  
SWEDEN SWISS  
AUSTRIA RUSSIA  
NETHERLANDS FRANCE  
OTHERS L/G/I/K:G

▲▼ ▶ MEMORY: (OK)



GB

## Setting the Date and Time



Your VCR contains a 24-hour clock and calendar used to:

- ◆ preset your VCR to record a programme automatically.

You must set the date and time when:

- ◆ you purchase the video cassette recorder.
- ◆ the power supply remains off for more than 60 minutes.



- ◆ The date and time are set automatically from the broadcast signal, but this function will not operate if there is no PDC or Teletext signal.
- ◆ Do not forget to reset the time when you change clocks from winter to summer time and vice versa.

- 1 Press MENU on the remote control.  
Result: The programming menu is displayed.
- 2 Press the ▲ or ▼ buttons, until the cursor is placed in front of the **CLOCK SET** option.
- 3 Press the ► button to select this option.  
Result: The **CLOCK SET** menu is displayed.
- 4 Press ▲ or ▼ to select the hour, minutes, day, month and year.  
Result: The option selected flashes.
- 5 Press the ▲ or ▼ buttons to increase or decrease the value.  
Result: The day of the week is displayed automatically.  
➤ You can hold the ▲ or ▼ buttons down to scroll more quickly through the values.
- 6 On completion, press MENU twice to exit the menu.

## USER SET1 Setting

*The user set is initially setted in factory. If you want any change about USER SET, must check the below explanation.*

- 1 Press MENU on the remote control.  
Result: The programming menu is displayed.
- 2 Press the , , button to select user set.  
Result: The **USER SET1** is displayed.
- 3 Press the , , to select the USER SET1 item.
- 4 Check the below, and change the item.

### \* USER SET1

ITEM	USAGE	COMMENT
TAPE SELECT	tape length select	Select the recording tape type for remain time.
CLOCK TYPE	12H/24H mode	Select your favorite clock type.
PLAY SYSTEM	play tape system selection	The VCR automatically select play system. If the auto detection error is occurred, then select the play system manually.
OSD	OSD display on/off	Initial setting is on.
USER SET2	USER SET2 select	Select to go to USER SET2 page.

```

** M E N U **

TIMER PROGRAMMING
▶ USER SET
  INSTALLATION
  LANGUAGE SET
  CLOCK SET

▲▼ ▶ END: (MENU)

```

```

** USER SET1 **

▶ TAPE SELECT      :E180/
                  T120
CLOCK TYPE        :24H
PLAYSYSTEM        :AUTO
OSD                :ON
USER SET2

▲▼ ▶ END: (MENU)

```

## USER SET2 Setting

- 1 Press MENU on the remote control.  
Result: The programming menu is displayed.
- 2 Press the , , button to select user set.  
Result: The **USER SET1** is displayed.
- 3 Press the , , to select the **USER SET2**.
- 4 Press the , , to select the **USER SET2** menu item.
- 5 Check the below, and change the item.

### \* USER SET2

ITEM	USAGE	COMMENT
NICAM	NICAM on/off (EUROPE only)	Initial is on(NICAM stereo mode). If the NICAM stereo sound is distorted, then select off mode for mono sound receiving.
COLOUR	COLOUR or B/W select	Initial is on. Colour off mode is B/W. If colour distortion is occurred in play or conversion mode, then select colour off mode.
BLUE SCREEN	BLUE SCREEN on/off	Initial is blue screen on. If any problem is occurred by blue screen, then select blue screen off.
SQPB	S-VHS Playback	See page 32.
USER SET1	USER SET1 select	Select to go to USER SET1 page.

```

** M E N U **

TIMER PROGRAMMING
▶ USER SET
  INSTALLATION
  LANGUAGE SET
  CLOCK SET

▲▼ ▶ END: (MENU)

```

```

** USER SET1 **

TAPE SELECT      :E180/
                  T120
CLOCK TYPE        :24H
PLAYSYSTEM        :AUTO
OSD                :ON
▶ USER SET2

▲▼ ▶ END: (MENU)

```

```

** USER SET2 **

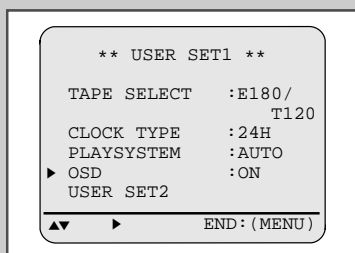
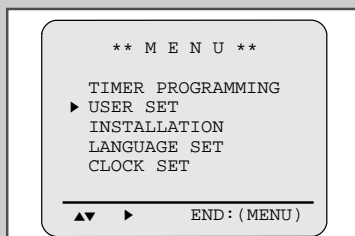
▶ NICAM           :ON
  COLOUR          :ON
  BLUE SCREEN     :ON
  SQPB            :OFF
  USER SET1       :ON

▲▼ ▶ END: (MENU)

```

GB

## Displaying/Hiding On-Screen Information

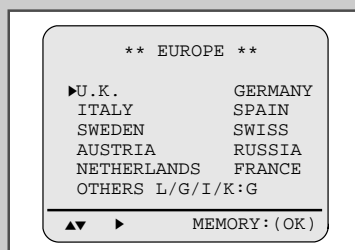
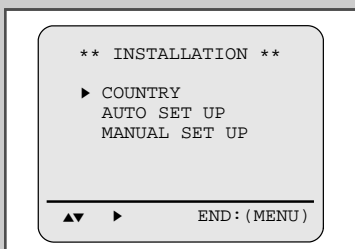


*Your VCR displays most information both on the VCR and television. You can choose to display or hide this information on the television screen (except for the Index, Timer Programming function, which cannot be hidden).*

- 1 Press MENU on the remote control.  
Result: The programming menu is displayed.
- 2 Press the corresponding  $\blacktriangle$  or  $\blacktriangledown$  buttons, until the cursor is placed in front of the **USER SET** option.
- 3 Press the  $\blacktriangleright$  button to select this option.  
Result: The **USER SET1** menu is displayed.
- 4 Press the corresponding  $\blacktriangle$  or  $\blacktriangledown$  buttons, until the cursor is placed in front of the **OSD** option.
- 5 

<b>To:</b>	<b>Press <math>\blacktriangle</math> or <math>\blacktriangledown</math>, until:</b>
display on-screen information	<b>ON</b> is displayed.
hide on-screen information	<b>OFF</b> is displayed.
- 6 On completion, press MENU twice to exit the menu.

## Tuning System



*You can select the Tuning System if you live in the U.K.*

- 1 Press MENU on the remote control.  
Result: The programming menu is displayed.
- 2 Press the corresponding  $\blacktriangle$  or  $\blacktriangledown$  buttons, until the cursor is placed in front of the **INSTALLATION** option.
- 3 Press the  $\blacktriangleright$  button to select this option.  
Result: The **INSTALLATION** menu is displayed.
- 4 Press the corresponding  $\blacktriangle$  or  $\blacktriangledown$  buttons, until the cursor is placed in front of the **COUNTRY** option.
- 5 Press the  $\blacktriangleright$  button to select the **EUROPE** option.
- 6 Press the  $\blacktriangleright$  button to select the EUROPE and U.K. option.
- 7 On completion, press OK to memory.